Certificate of Analysis

Ethylidene-4-nitrophenyl-a-D-Maltoheptaoside

Cat. No.: HY-112835
CAS No.: 96597-16-9
Batch No.: 266674

Chemical Name: α -D-Glucopyranoside, 4-nitrophenyl O-4,6-O-ethylidene- α -D-glucopyranosyl-(1 \rightarrow 4)-O- α -D-gluco

pyranosyl- $(1\rightarrow 4)$ -O- α -D-glucopyranosyl- $(1\rightarrow 4)$ -O- α -D-glucopyranosyl- $(1\rightarrow 4)$ -O- α -D-glucopyranosy

 $l-(1\rightarrow 4)-O-\alpha-D-glucopyranosyl-(1\rightarrow 4)-$

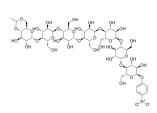
PHYSICAL AND CHEMICAL PROPERTIES

 $\begin{tabular}{lll} \begin{tabular}{lll} Molecular Formula: & $C_{50}H_{77}NO_{38}$ \\ \begin{tabular}{lll} Molecular Weight: & 1300.13 \\ \end{tabular}$

Storage: 4°C, protect from light, stored under nitrogen

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)

MS: Consistent with structure

Purity (HPLC): 96.64%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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